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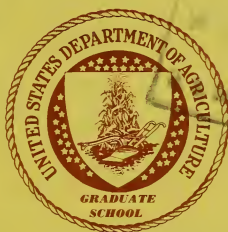
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# ***EVENING CLASSES***

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**SPRING SEMESTER  
1956**



**REGISTER JANUARY 28 - FEBRUARY 4**

**Graduate and Undergraduate Studies**

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**GRADUATE SCHOOL - U. S. DEPARTMENT OF AGRICULTURE  
14th Street and Independence Avenue  
Washington 25, D. C.**

## CALENDAR FOR SPRING SEMESTER—1956

Registration dates:	January 28-February 4
Classes begin:	Week of February 6
Holidays:	Wednesday, February 22
Semester ends:	May 25 (Classes which have missed sessions will continue until the deficiency is made up.)

### REGISTRATION

**Registration week:** January 28-February 4

**Time:** Saturdays, 9-4 p.m.

Monday through Friday, 11-6:30 p.m.

**Place:** Patio (First Floor), Administration Building  
U. S. Department of Agriculture  
14th Street and Independence Avenue, N. W.  
Washington, D. C.

**Procedure:** Registration must be completed in person or by a relative or friend, but not by mail. Transcripts of previous education are not required. High school graduation or the equivalent is a general prerequisite for all courses. In addition, the more advanced courses have specific prerequisites which are listed in the course descriptions in the Graduate School catalog. Copies of the catalog are available in personnel and training offices of your agency, or you may obtain one from the Graduate School office. Copies are also available at registration time.

**Fees:** In general tuition is \$12 per credit hour, payable at the time of registration. Arrangements may be made to pay half of the tuition plus \$1.00 service charge at registration. The second payment is due by March 2.

**Late registration:** After February 4, a \$2.00 per course late registration fee is charged. Late registrations are accepted through February 17.

**Course transfer:** Until February 17, students may transfer from one course to another without extra charge. After February 17, there is a transfer fee of \$1.00 and transfers may be made only with the permission of the instructor concerned.

**Credit-audit:** Students who wish to take the examinations and receive a grade in a course should register for credit. Students who do not wish to receive a grade should register as auditors. The tuition charge is the same for credit or audit, and audit students may participate fully in the class. Students may change their registration from credit to audit or vice-versa within the first 30 days of the semester. Requests for changes will not be accepted after March 16.

**Course load:** In general, students who are working full-time are permitted to take only two courses at one time.

# FORMATION

## VETERANS

Veterans who are applying for entrance to the Graduate School for the first time, under either P.L. 346 or P.L. 550, are advised to consult with the Registrar of the Graduate School *before the beginning of registration week*, in order to assure that their certificates of eligibility will be granted in time for the semester.

## TEXTBOOKS

Textbooks may be purchased at the Graduate School Bookstore, Room 1022, South Building, during the following hours:

Registration week: Jan. 28-Feb. 4

Saturdays, 9-4 p.m.

Mon. through Friday, 1-6:30 p.m.

First week of classes: February 6-10

Mon. through Friday, 1-6:30 p.m.

February 13-February 24

Mon. through Fri., 4:30-6:15 p.m.

After February 24

Mon. through Fri., 4:30-5:30 p.m.

## DEPARTMENT OF AGRICULTURE LIBRARY

The Reading Room of the USDA Library (Room 1052, South Building) is open Monday through Friday from 9:00 a.m. to 6:00 p.m. Students may take out for home use the books which have been placed on the Graduate School reserve shelves.

## WITHDRAWALS AND REFUNDS

Refunds in cases of withdrawal are granted according to the following schedule:

Through February 17: Tuition less \$5.00 per course.

February 20-March 2: 60% of tuition.

March 5-16: 50% of tuition.

Withdrawals must be in writing, and may be arranged by letter or on a form available in the Graduate School office. Refunds are computed as of date application for withdrawal is received in the Graduate School office. *No refund for any reason will be granted after March 16.*

Students who pay half of their tuition and then withdraw from class are reminded that refunds are computed on the basis of full tuition. Part of their refund, therefore, will be in the form of their cancelled note. *The note will be cancelled, however, only if the student withdraws officially, by notifying the Graduate School in writing before March 16.*

## PARKING SPACE

Ample parking space is available for students and faculty after 5:45 p.m. each evening in three parking courts on the east and south sides of the Administration building; the entrance to one is on 12th Street, the entrances to the others are on Independence Avenue. There is also parking space available on the Mall, north of the Administration Building.

## CAFETERIA

The cafeteria in the 5th wing of the South Building is open from 5:00 to 6:15 p.m. Ask for a cafeteria pass when you register if you plan to use the cafeteria before 5:30. After 5:30, no pass is required.

## GRADUATE SCHOOL HOURS

The Graduate School office, Room 1031, Agriculture South Building, is open from 9:00 a.m. to 6:15 p.m., Monday through Friday. Telephone: REpublic 7-4142, Ext. 6337.

*classes inside.)*



No.	Course Title (Cr.)	Instructor	Day	Time	Fee	Catalog page
<b>BIOLOGICAL SCIENCES</b>						
1-620.	Recent Advances in Weed Control (2) Shaw and Parker M 6:10-8:00 \$24					
	p. 15 (Meets at Plant Industry Station)					
1-670H.	Design of Experiments in Biological Sciences (Second Half) (2) Korb Tu 4:45-6:35 \$24 p. 15 (Meets at Plant Industry Station)					
1-635.	Bacteriological Instrumentation (2) Ellinghausen Tu 5:10-9:00 \$24 (Meets at Beltville)					
<b>LANGUAGES AND LITERATURE</b>						
<b>English—Writing—Literature</b>						
2-95.	Improved Reading Ability (non-credit) Murr M-W 6:40-8:30 (12 wks.) \$36 plus \$15 laboratory fee p. 18					
2-117.	Practical English Usage I—Grammar (2) \$24 p. 19					
	Section I—Samson Tu 6:10-8:00					
	Section II—Mungold F 6:10-8:00					
2-113.	Sentence Revision (2) Samson Th 6:10-8:00 \$24 p. 19					
	(Prerequisite: Practical English Usage, Descriptive English Grammar, or consent of instructor)					
2-119.	Vocabulary Building (2) Murphy Th 6:00-7:50 \$24 p. 19					
2-222A.	English Composition (First Half) (3) Weber F 6:10-8:40 \$36 p. 18					
2-222B.	English Composition (Second Half) (3) Ward M 6:10-8:00 \$36 p. 19					
2-223B.	Descriptive English Grammar (Second Half) (2) Herman Tu 6:10-8:00 \$24 p. 19					
2-226.	Introduction to Official Writing (2) Perlmuter W 6:30-8:30 \$24 p. 19					
2-227.	Workshop in Official Writing (2) McClarren Th 6:30-8:20 \$24 p. 19					
4-330.	Government Letter Writing (2) Boyd F 6:10-8:00 \$24 p. 44					
1-421.	Writing Procedures and Instructions (2) Pearson and Spickerman M 6:10-8:00 \$24 p. 44					
2-235.	Fiction Writing (2) Shyn Tu 6:10-8:00 \$24 p. 20					
2-242.	Advanced Fiction Writing (2) Arnold M 6:10-8:00 \$24 p. 20					
2-281.	Advanced Feature Writing (2) Scott W 6:10-8:00 \$24 p. 20					
2-330B.	Great Books I (2) Ruppert W 6:10-8:00 \$24 p. 21					
<b>Information Methods</b>						
2-237.	Printing Procedure and Layout Design (2) White W 6:10-8:00 \$24 p. 22					
2-350.	Advanced Practice in Editing (3) Edwards M 6:10-8:40 \$36 p. 22					
3-136.	Graphic Methods of Presenting Statistics (2) Hainsworth M 6:10-8:00 \$24 p. 36					
<b>Library Techniques</b>						
2-135.	Introduction to Cataloging and Classification (2) Soderlund M 6:10-8:00 \$24 p. 23					
2-136.	Principles of Library Organization (2) Popecki Th 7:10-9:00 \$24 p. 23					
<b>Speech</b>						
2-228.	Fundamentals of Speech (2) Roser Th 6:10-8:00 \$24 p. 24					
2-229.	Public Speaking (2) Beauchamp M 6:10-8:00 \$24 p. 24					
2-232.	Voice and Remedial Speech (2) Berlinsky M 6:10-8:00 \$24 plus \$1 laboratory fee p. 24					
2-350.	Conference Methods Workshop (2) Wright, Henderson M 6:10-8:00 \$24 p. 24					
2-355.	Parliamentary Procedure (2) Beauchamp M 6:10-8:00 \$24 p. 25					
<b>French</b>						
2-87.	French for Travelers I (non-credit) Bargin W 6:10-8:00 \$30 p. 25					
	(No previous study of French required)					
2-87.	French for Travelers II (non-credit) Bargin M 6:10-8:00 \$30					
2-253A.	Elementary French (First Half) (3) Etienne Tu 6:10-8:40 \$36 p. 25					
2-253B.	Elementary French (Second Half) (3) Bargin Tu 6:10-8:40 \$36 p. 25					
2-253H.	Intermediate French (Second Half) (3) Bargin Th 6:10-8:40 \$36 p. 25					
2-253B.	French Conversation (2) Etienne Th 6:10-8:00 \$30 p. 26 (Prerequisite: Two years or equivalent of French grammar.)					
<b>German</b>						
2-66.	Reading German (non-credit) Lederer M 6:10-8:40 \$36 p. 26					
	(No previous study of German required)					
2-88.	German for Travelers (non-credit) Bamer Tu 6:10-8:00 \$30 p. 26					
	(No previous study of German required.)					
2-259A.	Elementary German (First Half) (3) Lederer Tu 6:10-8:40 \$36 p. 26					
2-259B.	Elementary German (Second Half) (3) Lederer Th 6:10-8:40 \$36 p. 26					
2-261B.	German Conversation (2) Lederer W 6:10-8:00 \$30 p. 26 (Prerequisite: Two years or equivalent of German grammar)					
<b>Italian</b>						
2-82.	Italian for Travelers (non-credit) Finlay Tu 6:10-8:00 \$30 (No previous study of Italian required)					
2-270B.	Elementary Italian (Second Half) (3) Bauer W 6:10-8:40 \$36 p. 27					
2-271R.	Intermediate Italian (Second Half) (3) Finlay W 6:10-8:40 \$36 p. 27					
<b>Russian</b>						
2-293A.	Elementary Russian (First Half) (3) Tarnuk M 6:10-8:40 \$36 p. 27					
2-293H.	Elementary Russian (Second Half) (3) Saharov Tu 6:10-8:40 \$36 p. 27					
2-296H.	Intermediate Russian (Second Half) (3) Saharov W 6:10-8:40 \$36 p. 27					
2-297B.	Conversational Russian (3) Saharov Th 6:10-8:40 \$36 p. 27					
<b>Spanish</b>						
2-89.	Spanish for Travelers I (non-credit) Ponce W 6:10-8:00 \$30 p. 28					
	(No previous study of Spanish required)					
2-90.	Spanish for Travelers II (non-credit) Ponce Tu 6:10-8:00 \$30 p. 28					
2-300A.	Elementary Spanish (First Half) (3) Johnston Tu 6:10-8:40 \$36 p. 28					
2-300H.	Elementary Spanish (Second Half) (3) Jaffe W 6:10-8:40 \$36 p. 28					
2-301B.	Intermediate Spanish (Second Half) (3) Romero W 6:10-8:40 \$36 p. 28					
2-302B.	Spanish Composition and Conversation (2) Supervia W 6:10-8:00 \$30 p. 28					
2-574B.	Advanced Spanish Conversation and Literature (2) Supervia Th 6:10-8:00 \$30 p. 28					
<b>MATHEMATICS</b>						
4-101.	Everyday Mathematics (2) Botts W 6:10-8:00 \$24 p. 41					
3-2.	Review of Calculus (non-credit) Sauty M 6:10-8:40 \$36 p. 41					
3-102.	College Algebra (2) Instructor to be announced M-Th 6:10-8:00 \$48 p. 33					
3-103.	Trigonometry and Analytic Geometry (4) Edelson M-Th 6:10-8:00 \$48 p. 33 (Students may receive for either half as well as for the whole course)					
3-206B.	Calculus (Second Half) (4) Knauer Tu-Th 6:10-8:00 \$48 p. 33					
3-415B.	Higher Algebra (Second Half) (4) Eiten M 6:10-8:40 \$36 p. 34					
3-502B.	Differential Equations (Second Half) (2) Owens Th 6:10-8:00 \$24 p. 34					
3-509B.	Mathematics for Economists (Second Half) (2) Foote Th 6:10-8:00 \$24 p. 34					
3-532.	Introduction to Linear Programming (3) Goss M 6:10-8:40 \$36 p. 34					
3-533.	Introduction to Operations Research (3) Sauty and Titchon Tu 6:10-8:40 \$36 p. 34					
3-538R.	Methods of Applied Mathematics (Second Half) (3) Sauty W 6:10-8:40 \$36 p. 35					
<b>STATISTICS</b>						
3-126A.	Introductory Statistics (First Half) (2) Rauchschynke Th 6:10-8:00 \$24 p. 35					
3-126B.	Introductory Statistics (Second Half) (2) Purves Tu 6:10-8:00 \$24 p. 35					
3-136.	Graphic Methods of Presenting Statistics (2) Hainsworth M 6:10-8:00 \$24 p. 36					
3-318.	Machine Tabulation I (2) Kaufman F 6:30-8:20 \$24 p. 36					
3-319.	Machine Tabulation II (2) Kaufman F 6:30-8:20 \$24 p. 36					
3-380B.	Principles of Statistical Analysis (3) Stutler Tu-Th 6:15-7:30 \$36 p. 36					
3-405B.	Introduction to Experimental Statistics (Second Half) (2) Hendricks Th 6:10-8:00 \$24 p. 37					
3-565.	Data Processing on Electronic Computers I (2) L. Armstrong Tu 7:10-9:00 \$24 p. 38					
3-566.	Data Processing on Electronic Computers II (2) D. Armstrong Th 7:10-9:00 \$24 p. 38					
3-571B.	Design, Philosophy, and Interpretation of Experiments (Second Half) (2) Burrows W 6:10-8:00 \$24 p. 38					
3-735B.	Theory of Sample Surveys (Second Half) (2) Steinberg W 6:10-8:00 \$24 p. 39					
<b>OFFICE TECHNIQUES AND OPERATIONS</b>						
<b>Administrative Procedures</b>						
4-101.	Everyday Mathematics (2) Botts W 6:10-8:00 \$24 p. 41					
4-108.	Administrative Procedure (2) Hickey M 6:00-7:50 \$24 p. 41					
4-206.	Office Management (2) Wagner Tu 6:10-8:00 \$24 p. 41					
4-112.	Federal Accounting Procedure (3) Jenkins M 6:10-8:40 \$36 p. 42					
4-113.	Federal Property Procedure (2) McIntyre Th 6:10-8:00 \$24 p. 42					
4-114.	Federal Personnel Procedure (2) Mohagen M 6:10-8:00 \$24 p. 42					
1-115B.	Federal Purchasing Procedure (2) Baldwin M 6:10-8:00 \$24 p. 42					
1-116.	Federal Budgetary Procedure (2) McWhorter Tu 6:10-8:00 \$24 p. 43					
4-201.	Supervision (2) Kirkham W 6:10-8:00 \$24 p. 43					
4-217.	Advanced Records Management (2) Luttrell, Lunde Tu 6:10-8:00 \$24 p. 43					
4-330.	Government Letter Writing (2) Boyd F 6:10-8:00 \$24 p. 44					
4-421.	Writing Procedures and Instructions (2) Pearson, Spickerman M 6:10-8:00 \$24 p. 44					
1-422.	Reports and Forms Management (2) Lewis, Rice Th 6:10-8:00 \$24 p. 44					
<b>Shorthand</b>						
4-89.	Review of Gregg—Anniversary, 60-90 Words (non-credit) Stern M-Th 6:10-7:30 \$36 p. 45					
4-129.	Beginning Gregg Shorthand Simplified I (3) Robeson M-Th 6:10-7:30 \$36 p. 46					
4-130.	Beginning Gregg Shorthand Simplified II (3) \$36 p. 46					
	Section I—Weltner M-W 6:10-7:30 (Meets at USDA)					
	Section II—Gusterson M-W 6:10-7:30 (Meets at State Department)					
4-225.	Gregg Shorthand Simplified III—60-80 Words (3) Heh Tu-F 6:10-7:30 \$36 p. 46					
4-226.	Gregg Shorthand, Simplified and Anniversary, 80-100 Words (3) Wey M-W 6:10-7:30 \$36 p. 46 (Meets at State Department)					
<b>PHYSICAL SCIENCES</b>						
<b>General</b>						
5-225B.	Principles of Physical Science (2) Paltmeh W 7:10-9:00 \$24					
<b>Chemistry</b>						
5-315B.	Elementary Biochemistry (Second Half) (2) Hess W 6:10-8:00 \$24 p. 47					
5-349B.	Physical Chemistry (Second Half) (2) Horvitz M 6:10-8:00 \$24 p. 47					
5-400.	Advanced Organic Chemistry (3) Patterson and Rothman W 6:10-8:00 \$36 p. 48.					
	(Two hours lecture plus three hour lecture or laboratory project to be arranged)					
5-550.	Pharmacology and Toxicology of Insecticides (2) Davyhn Th 6:10-8:00 \$24 p. 48					
5-620.	Advanced Inorganic Chemistry (3) Prickett M 6:10-8:40 \$36 p. 48					
<b>Geography, Geology, and Soils</b>						
5-205.	Practical Geology (3) Termon Tu 6:10-8:40 \$36 p. 50					
5-563.	Geography of American Agriculture (2) Burnes W 6:10-8:00 \$24 p. 49					

No.	Course (title) (Cr.)	Instructor	Day	Time	Fee	Catalog page
5-455.	Elementary Phytogeography (3)	Ray and Hemphill	M	6:10-8:40	\$36 plus \$4 laboratory fee	p. 50
5-531.	Soils: Their Morphology, Genesis, and Classification (3)	Nikiforoff	Tu-Th	6:15-7:30	\$36 p. 51	
<b>Meteorology</b>						
5-326.	General Meteorology (3)	Fritz	Tu	6:10-8:40	\$36 p. 53	(Meets at Weather Bureau, 24th and M, N.W.)
5-534B.	Introduction to Dynamic Meteorology (Second Half) (3)	Topper	M	6:10-8:40	\$36 p. 53	(Meets at Weather Bureau, 24th and M, N.W.)
5-536B.	Synoptic Meteorology (Second Half) (3)	Winston	Tu	6:10-8:40	\$36 p. 54	(Meets at Weather Bureau, Southland)
5-538B.	Weather Analysis and Forecasting (Second Half) (2)	Gray, Winston	W	6:10-10:00	\$24 plus \$4 laboratory fee	p. 54 (Meets at Weather Bureau, Southland)
5-589.	Tropical Meteorology—Hurricanes (3)	Hubert	W	6:10-8:40	\$36 p. 54	
<b>Oceanography</b>						
5-584.	Physical Properties of Sea Water (2)	Magnitzky	Tu	5:30-7:20	\$24 p. 55	
5-666.	Biological Oceanography (2)	Instructor to be announced	Th	5:30-7:20	\$24 p. 55	
<b>PUBLIC ADMINISTRATION</b>						
<b>General Administration</b>						
6-341.	American Government (2)	Norboso	Th	6:10-8:00	\$24 p. 60	
6-344.	Introduction to Public Administration (3)	Stover	Tu	6:10-8:40	\$36 p. 61	
2-350.	Conference Methods Workshop (2)	Hemleron, Wright	M	6:10-8:00	\$24 p. 24	
6-600.	Readings and Papers in Public Administration (3)	To be arranged			\$36 p. 61	
6-587.	Contemporary Trends in Public Administration (3)	Stover	Th	6:10-8:40	\$36	
<b>Organization and Management</b>						
4-421.	Writing Procedures and Instructions (2)	Pearson, Spickerman	M	6:10-8:00	\$24 p. 44	
4-422.	Reports and Forms Management (2)	Lewis, Rice	Th	6:10-8:00	\$24 p. 44	
6-405B.	Principles and Techniques of O & M Work (2)	Cook	W	6:10-8:00	\$24 p. 61	
6-519.	Work Standards and Work Measurement (2)	Schneider and Williams	Tu	6:10-8:00	\$24 p. 62	
6-550.	Techniques of Organization (3)	Taylor	M	6:10-8:40	\$36 p. 62	
<b>Hospital Administration</b>						
6-461B.	Hospital Administration (Second Half) (2)	McNamara and Palmer	M	6:10-8:00	\$24 p. 64	(Open only to students who completed the first semester.)
<b>Personnel Administration</b>						
4-114.	Federal Personnel Procedure (2)	Mohagen	M	6:10-8:00	\$24 p. 65	
6-430.	Public Personnel Administration (2)	Doster	W	6:10-8:00	\$24 p. 65	
6-144.	Position Classification (2)	Laxton, Findlay	Tu	6:10-8:00	\$24 p. 65	
6-458.	Advanced Wage Administration (2)	Sorenson	Tu	6:10-8:00	\$24 p. 66	
<b>Legal Administration</b>						
6-422B.	Business Law (2)	Johnson	M	6:10-8:00	\$24 p. 67	
6-425.	Legal Aspects of Investigation—Criminal Evidence and Procedure (2)	Koehel	Th	6:10-8:00	\$24 p. 67	
<b>Procurement and Property Management</b>						
1-115B.	Federal Purchasing Procedure (2)	Buhlauf	M	6:10-8:00	\$24 p. 42	
4-113.	Federal Property Procedure (2)	McIntyre	Th	6:10-8:00	\$24 p. 42	
8-120.	Fundamentals of Standardization (2)	Rosenzweig	Tu	6:10-8:00	\$24 p. 86	
<b>Accounting</b>						
1-112.	Federal Accounting Procedure (3)	Jenkins	M	6:10-8:40	\$36 p. 42	
6-352A.	Principles of Accounting (First Half) (3)	Curter	Tu	6:10-9:45	\$36 p. 70	
6-352H.	Principles of Accounting (Second Half) (3)	\$36 p. 70				
	Section I Marshall	M	6:10-9:45			
	Section II Rourke	Tu	6:10-9:45			
6-420B.	Advanced Accounting—Theory and Problems (Second Half) (3)	Acker	Tu	6:10-8:40	\$36 p. 70	
6-423.	Mathematics of Accounting and Investment (3)	Botts	Th	6:10-8:40	\$36 p. 71	
6-693B.	Auditing (Second Half) (2)	Cooper	M	6:10-8:00	\$24 p. 71	
<b>SOCIAL SCIENCES</b>						
<b>Economics</b>						
7-201B.	Survey of Economics (Second Half) (3)	Stocker	W	6:10-8:40	\$36 p. 74	
7-483.	Fiscal Policy (2)	Stocker	M	6:10-8:00	\$24 p. 74	
7-488B.	Economic Analysis (Second Half) (3)	Vogely	Th	6:10-8:40	\$36 p. 75	
7-560.	Modern Economic Thought (3)	Allin, Cavin	Tu	6:10-8:40	\$36 p. 75	
3-509B.	Mathematics for Economists (Second Half) (2)	Footo	Th	6:10-8:00	\$24 p. 34	
<b>Agricultural Economics</b>						
7-719.	Resource Economics—Seminar (3)	Regan	W	6:10-8:40	\$36 p. 77	
7-722.	Marketing—Seminar (2)	Trologan	W	6:10-8:00	\$24 p. 78	
5-563.	Geography of American Agriculture (2)	Burnes	W	6:10-8:00	\$24 p. 49	
<b>International Economics</b>						
7-455A.	World Agriculture and Foreign Markets (2)	Whipple and Associates	Th	6:10-8:00	\$2	
<b>Transportation</b>						
7-145.	Principles of Transportation (2)	Perrin	Tu	6:10-8:00	\$24 p. 78	
7-245.	Transportation Rates and Rate Determination (2)	Dolch	Th	6:30-8:20	\$24 p. 78	
<b>Human Relations</b>						
7-105.	Introduction to the Study of Human Relations (2)	Instructor to be announced			\$24 p. 80	
7-210.	General Psychology (3)	Fitzpatrick	Tu	6:10-8:40	\$36 p. 80	
7-215.	General Sociology (3)	Youmans	Th	6:10-8:40	\$36 p. 80	
7-303.	Child and Adolescent Psychology (2)	Heardstey	W	6:10-8:00	\$24 p. 81	
7-325.	Managing Personal Finances (2)	Mouser	Tu	6:10-8:00	\$24 p. 81	
7-400.	Introduction to General Semantics (2)	Saunders	W	7:30-9:20	\$24 p. 81	
7-433.	Social Psychology (3)	Instructor to be announced	M	6:10-8:00	\$36 p. 81	
7-533.	Research Methods in Human Relations (2)	Fitzpatrick	Th	6:10-8:00	\$24 p. 82	
<b>History and International Relations</b>						
7-251.	American History—Since 1865 (3)	Rasmussen	W	6:10-8:40	\$36 p. 83	
7-436.	The United States and Asia (3)	Gale	Tu	6:10-8:40	\$36 p. 84	
7-451.	The British Commonwealth and the United States (3)	Hall	W	6:10-8:40	\$36 p. 81	(First class, February 15)
<b>TECHNOLOGY</b>						
<b>Engineering</b>						
8-92.	Engineering Review for P. E. Examination (non-credit)	Dell'Arcia	W	6:30-8:20	\$24 p. 85	
8-110.	Principles of Electricity (2)	Askegaard	Th	6:10-8:00	\$24 p. 86	
8-115H.	Practical Radio and Television (Second Half) (3)	Hauptman	Tu	7:10-9:40	\$36 plus \$5 laboratory fee	p. 86
8-120.	Fundamentals of Standardization (2)	Rosenzweig	Tu	6:10-8:00	\$24 p. 86	
8-165B.	Applied Electronic Theory (Second Half) (2)	Price	W	6:10-8:00	\$24 p. 87	
8-325B.	Transistor Electronics (Second Half) (2)	Rubenstein	W	6:10-8:00	\$24 p. 87	
8-561.	Fundamentals of Telephony—Central Office Equipment (2)	McDonough	Tu	6:30-8:20	\$24 p. 85	
<b>Surveying and Mapping</b>						
8-125.	Introduction to Cartography (2)	Foster	Th	6:10-8:00	\$24 p. 92	
8-213.	Photogrammetry I (2)	Riggison, Twinkel	W	7:10-9:00	\$24 p. 92	
8-219.	Computation and Adjustment of Geodetic Observations (3)	Parkin	M	6:10-8:10	\$36 p. 91	
8-223.	Map Projections and Grid Systems (3)	Fonfurn	Tu	6:10-8:40	\$36 p. 95	
8-240.	Cartographic Techniques and Map Reproduction (2)	Delaney	W	6:10-8:00	\$24 p. 93	
5-455.	Elementary Phytogeography (3)	Ray and Hemphill	M	6:10-8:40	\$36 plus \$4 laboratory fee	p. 50
8-125.	Small Scale Maps (2)	Merreready	M	6:10-8:00	\$24 p. 93	
8-108.	Advanced Aerial Photographic Interpretation (3)	Churchill	Tu	6:10-8:40	\$36 p. 92	
<b>FINE AND APPLIED ARTS</b>						
8-55.	Introduction to Interior Decoration (non-credit)	Gearhart	Tu	6:40-8:30	\$24 p. 95	
8-285.	Care of Ornamental Trees, Shrubs and Lawns (2)	Schultheis	W	7:10-9:00	\$24 p. 95	
8-320.	Water Color Painting (2)	Lyon M-W	6:10-8:00	\$36 plus \$3 laboratory fee	p. 94	(Meets in downtown art studio)
8-321.	Pencil Sketching (2)	McKenra	Th	6:10-9:00	\$36 plus \$3 laboratory fee	p. 94
8-323.	Portrait Painting in Oil (2)	Luzzari	W	6:10-9:00	\$36 plus \$3 laboratory fee	p. 94
8-330.	Grammar of Art: Drawing and Painting (2)	Greenly	Tu	7-9:30	\$36 plus \$7.50 materials fee	p. 94
8-334.	Modern Painters, 17th-20th Century (2)	Baet	M	6:30-8:20	\$24 p. 95	
<b>PHOTOGRAPHY AND LITHOGRAPHY</b>						
8-70.	Popular Photography (non-credit)	\$24 p. 96				
	Section I McHenry	Th	6:30-8:20	(Meets at USDA)		
	Section II Riera	Th	6:10-9:00	(\$3 laboratory fee) (Meets at Plant Industry Station, College Park)		
8-161.	Lithography I—Camera (3)	Hall	Tu	6:10-8:00	\$48 plus \$6 laboratory fee	p. 96
8-163.	Lithography II (3)	Hann	M	6:10-9:00	\$36 p. 96	
8-192.	Fundamentals of Photography I (2)	Cobb	W	6:10-8:00	\$24 p. 96	
8-193.	Practice of Photography I (2)	Brostrup	M	6:10-8:00	\$24 plus \$6 laboratory fee	p. 96 (Prerequisite: Fundamentals of Photography I. The two courses may be taken together.)
8-194.	Solar Techniques: Photographic Art and Composition (2)	Miller	M	6:10-8:00	\$24 plus \$2 laboratory fee	p. 96
8-195.	Fundamentals of Photography II (2)	Vary	M	6:10-8:00	\$24 p. 97	
8-196.	Practice of Photography II (2)	McHenry	W	6:30-8:20	\$24 p. 97	(Prerequisite: Practice of Photography I and Fundamentals of Photography II. Fundamentals II and Practice II may be taken together.)
8-271.	Color Photography II—Color Film Exposure and Processing (3)	Brostrup	Tu	6:10-8:40	\$36 plus \$12 laboratory fee	p. 97
8-360B.	Portrait Photography (Second Half) (2)	Purly	F	6:10-8:00	\$24 plus \$4 laboratory fee	p. 97
8-011.	Photographic Roundtable (non-credit)	Meetings to be arranged			\$2 registration fee	p. 98 (Open to anyone who has taken any course in photography at the Graduate School.)





U. S. DEPARTMENT OF AGRICULTURE  
GRADUATE SCHOOL  
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# 1956 SPRING SCHEDULE OF CLASSES

